

Accession Nbr :

2000-015805 [02]

Sec. Acc. Non-CPI :

N2000-012501

Title :

Encoding method for borderless clock free two dimensional barcode

Derwent Classes :

T04

Patent Assignee :

(MATU) MATSUSHITA ELECTRIC IND CO LTD

(MATU) MATSUSHITA DENKI SANGYO KK

(LOPR) LOPRESTI D P

(TOMK) TOMKINS A

(ZHOJ) ZHOU J

Inventor(s) :

LOPRESTI DP; TOMKINS A; ZHOU J

Nbr of Patents :

8

Nbr of Countries :

29

Patent Number :

 EP-962883 A2 19991208 DW2000-02 G06K-019/06 Eng 26p *

AP: 1999EP-0304176 19990528

DSR: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO
SE SI

 CA2271523 A1 19991201 DW2000-20 G06K-019/06 Eng

AP: 1999CA-2271523 19990512

 CN1245944 A 20000301 DW2000-29 G06K-009/00

AP: 1999CN-0106896 19990531

 JP2000132651 A 20000512 DW2000-32 G06K-019/06 90p

AP: 1999JP-0190855 19990531

 US6201901 B1 20010313 DW2001-20 G06K-009/54

AP: 1998US-0088189 19980601

 US20010005867 A1 20010628 DW2001-38 G06F-013/00

FD: Div ex US6201901

AP: 1998US-0088189 19980601; 2001US-0767406 20010123

 US20010007116 A1 20010705 DW2001-39 G06F-013/00

FD: Div ex US6201901

AP: 1998US-0088189 19980601; 2001US-0767404 20010123

US6418244 B2 20020709 DW2002-53 G06K-009/54

FD: Div ex US6201901

AP: 1998US-0088189 19980601; 2001US-0767406 20010123

Priority Details :

1998US-0088189 19980601; 2001US-0767406 20010123; 2001US-0767404 20010123

IPC s :

G06F-013/00 G06K-009/00 G06K-009/54 G06K-019/06 G06K-001/12 G06K-001/14 G06K-007/00 G06K-007/10 G06K-009/60 G06K-009/62

Abstract :

EP-962883 A

NOVELTY - The two dimensional bar code contains a number of data bits represented by printed bits that can be colored dots. The data stream is randomized to prevent streams of the same colored dots. A number of keys are available to further randomize the data until it is sufficiently random. Error correcting codes are included in the data. The randomized stream is formed into a two dimensional pattern that does not require a border. The image can be scanned, deskewed and decoded.

USE - Two dimensional bar codes.

ADVANTAGE - Does not require a clocking system and can be deskewed without needing a border

DESCRIPTION OF DRAWING(S) - Two dimensional barcode reading

Locate bar code 70

Identify amount of skew 71

Deskew 74

Find boundaries 75

Decode 76(Dwg.8a/18)

Manual Codes :

EPI: T04-A03B1

Update Basic :

2000-02

Update Equivalents :

2000-20; 2000-29; 2000-32; 2001-20; 2001-38; 2001-39; 2002-53

Update Equivalents (Monthly) :

2001-04; 2001-07; 2002-08